B.E. Nolletroop

R-3

5220 Detection

JUN 30 1975

Douglas-fir Tussock Moth - Aztec Peak

The Record

During the week of June 2-6, 1975, I assisted Pacific Northwest Forest and Range Experiment Station researchers Boyd Wickman, Richard Mason, and Gene Paul in sampling Douglas-fir tussock moth (DFTM) larval populations. White fir and Douglas-fir trees were sampled at 10 permanent plot locations near Aztec Peak, Tonto National Forest. An average of about 0.5 larvae per 1,000 square inches of foliage was found.

DFTM populations have been at a low level in the Aztec Peak area for the past 3 to 4 years. No defoliation was recorded during annual aerial detection flights. There should be no visible defoliation in 1975, even though the area will be closely flown to check for defoliation.

Gary Daterman may test a DFTM pheromone in July and August.

Larval populations will be sampled again in 1976.

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DLParker:lop 6-24-75/6-30/75